



SMART PRODUCTS FOR SMART PEOPLE

VIBER X2+



VIBER X2+ is a digital data collector engineered for precise measurement and analysis of vibration. Designed to capture highly accurate vibration data, VIBER X2+ seamlessly integrates with the VibLyze for robust monitoring and trend analysis.

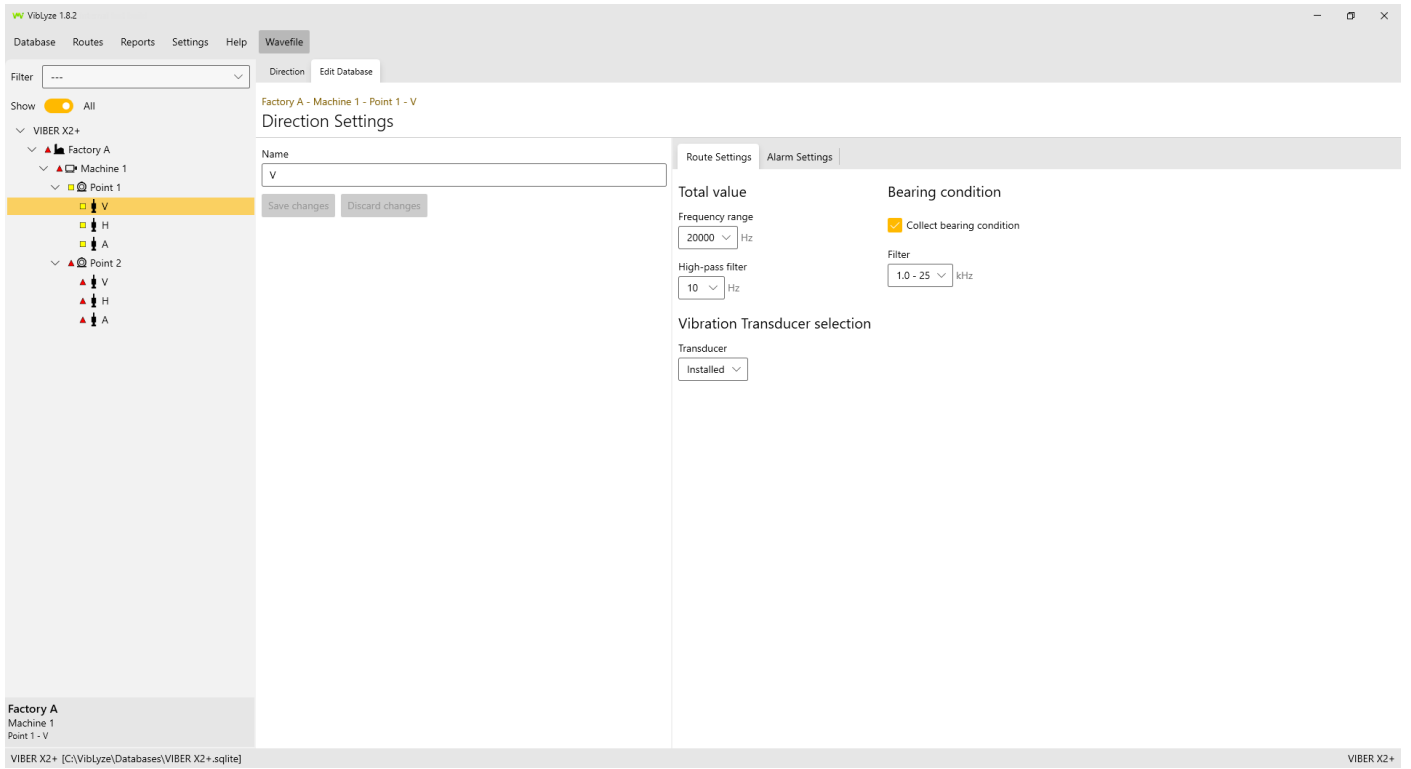
- Flexible frequency range options for total value measurements, ranging from 2Hz to 20000Hz
- Spectrum peaks highlight the five highest peaks within the frequency spectrum, illustrating the vibration of the machine component and the corresponding amplitude at each of these frequencies
- Bearing condition measurements extend up to 25000Hz
- Wide vibration level range, maximum of 80g peak
- Perform route measurements using the VibLyze software
- Displaying the route measurement in different languages created the VibLyze software
- 32GB memory for storing route measurements and databases
- Includes a built-in real-time clock with calendar and backup battery
- Icon-oriented menus on a clear 2.2-inch display
- Operating system with numerous pre-installed languages
- Update function for the latest firmware
- 16 hours of usage on a single charge
- Battery charging via USB-C
- Rugged IP65-rated enclosure



Front view, featuring the input connector for the accelerometer



Rear view, equipped with a USB-C connector for data transfer and battery charging



An illustration of VibLyze’s route file settings menu



Trend graph in VibLyze displaying vibration data from VIBER X2+

| | | |
|--------------|-----------------------------|--|
| Digital | ADC | 16 bit |
| | Dynamic range | 96 dB |
| | Memory | 32GB |
| Display | Size | 2.2 inch, 128x128 pixels |
| Signal input | AC inputs | All standard ICP accelerometers (4mA/24V) |
| Measurements | Frequency range total value | 2 to 20000 Hz |
| | Frequency range BC | 500 to 25000 Hz |
| | Amplitude range | Up to 80 g, peak |
| | Accuracy | 0.01 g \pm 2 % for non integrated 0.1 mm/s \pm 3 % for single integrated 1 μ m \pm 5 % for double integrated |
| | Resolution | Up to 0.25 Hz/line |
| Power | Battery | 3.7 V, 2.4 Ah Li-ion |
| | Operating time | 16 hours typical use |
| | Charging | 4h fully charged, 2h up to 70% |
| | Charger | 5 - 12 VDC, 10W, USB-C |
| Temp. | Operating Storage | -20 °C to +70 °C (-4 °F to 158 °F) -30 °C to +80 °C (-22 °F to 176 °F) |
| Size | Dimensions | 140 x 75 x 50 mm |
| | Weight | 220 gr |

Version: 1.2.0 En

The following items are included:

VIBER X2+

Accelerometer with one meter detachable cable

Multi-plug QC 3.0 fast charger with USB-C cable

Soft bag with shoulder strap

Printed user manual

Traceable calibration certificate